

FIG. 1 PRIOR ART

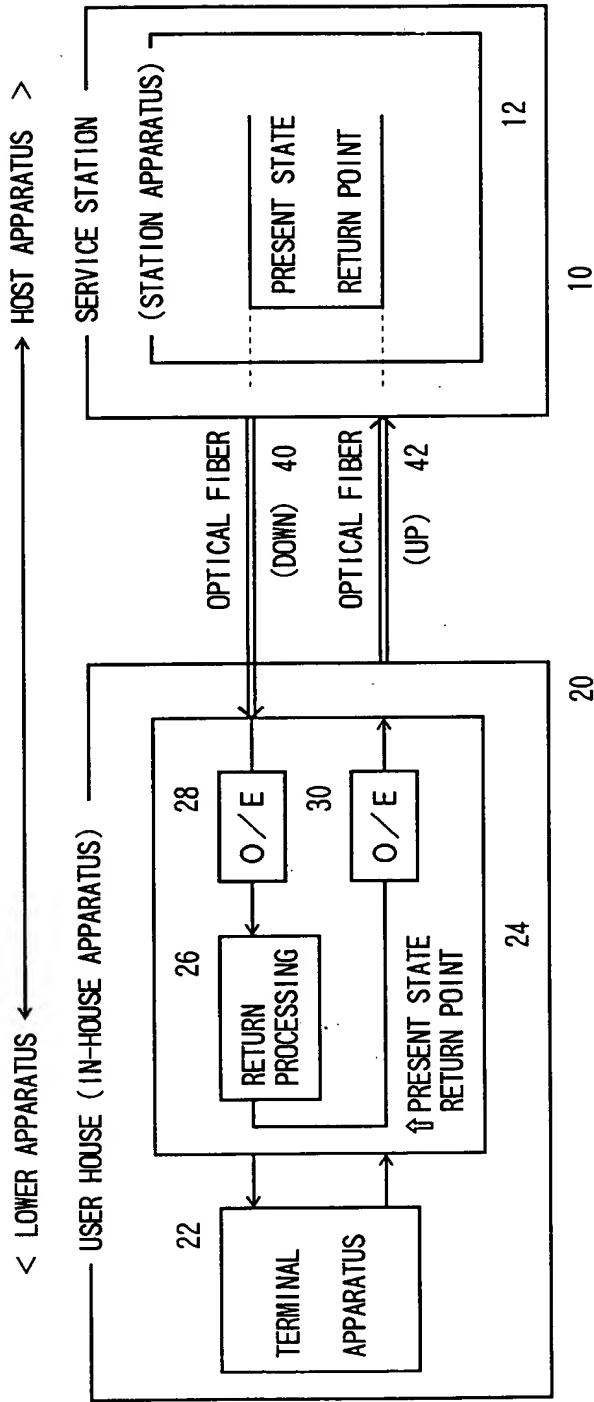


FIG. 2

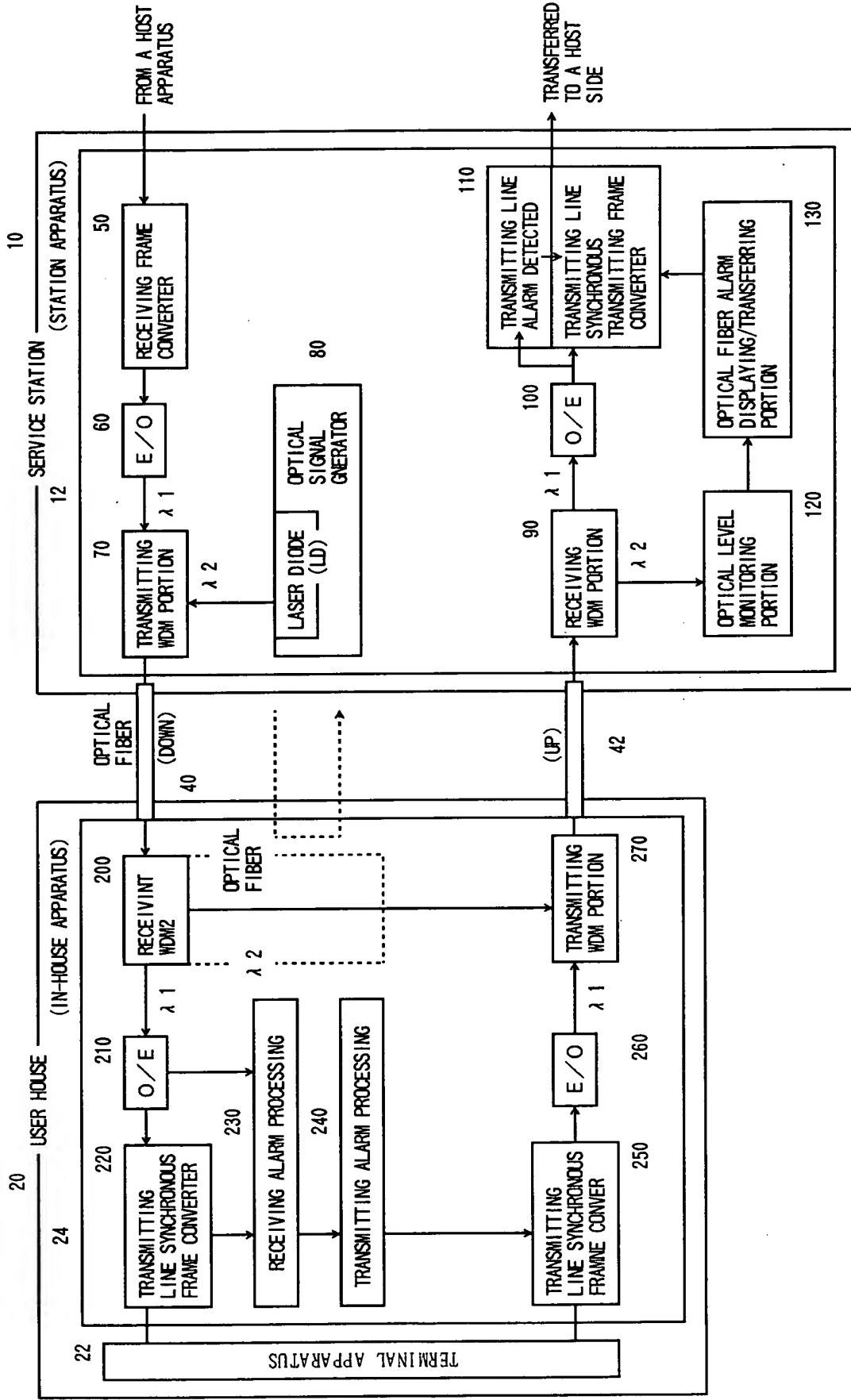


FIG. 3

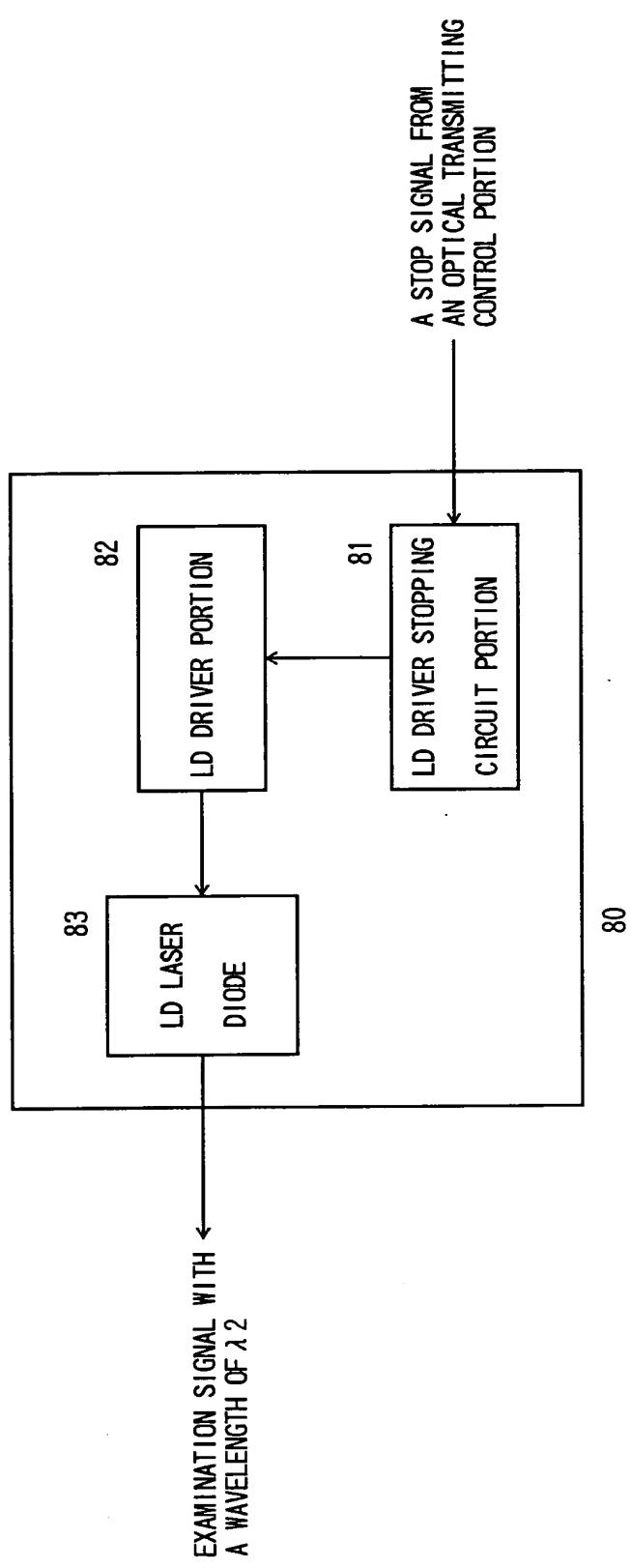


FIG. 4

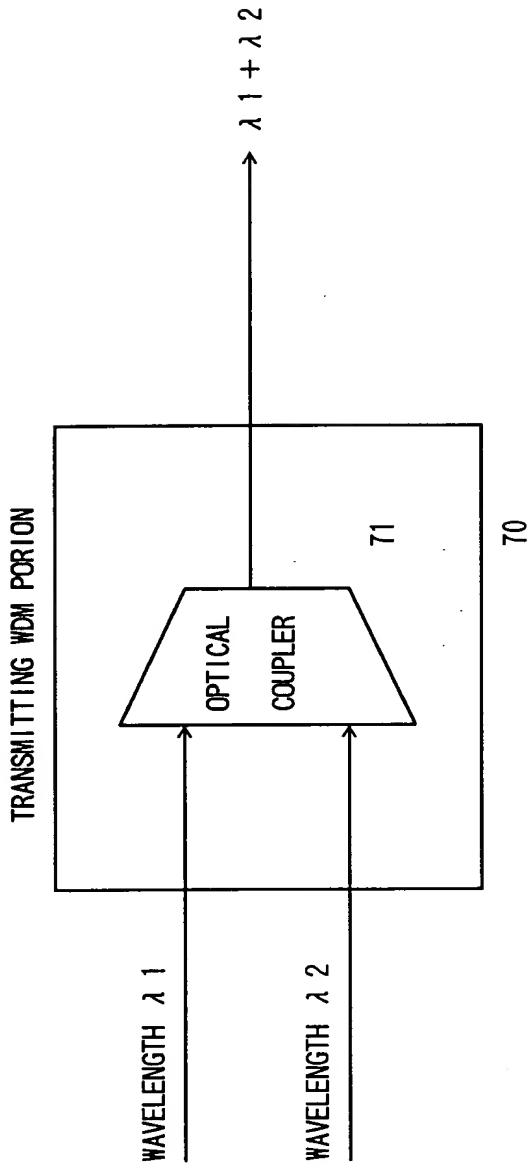


FIG. 5

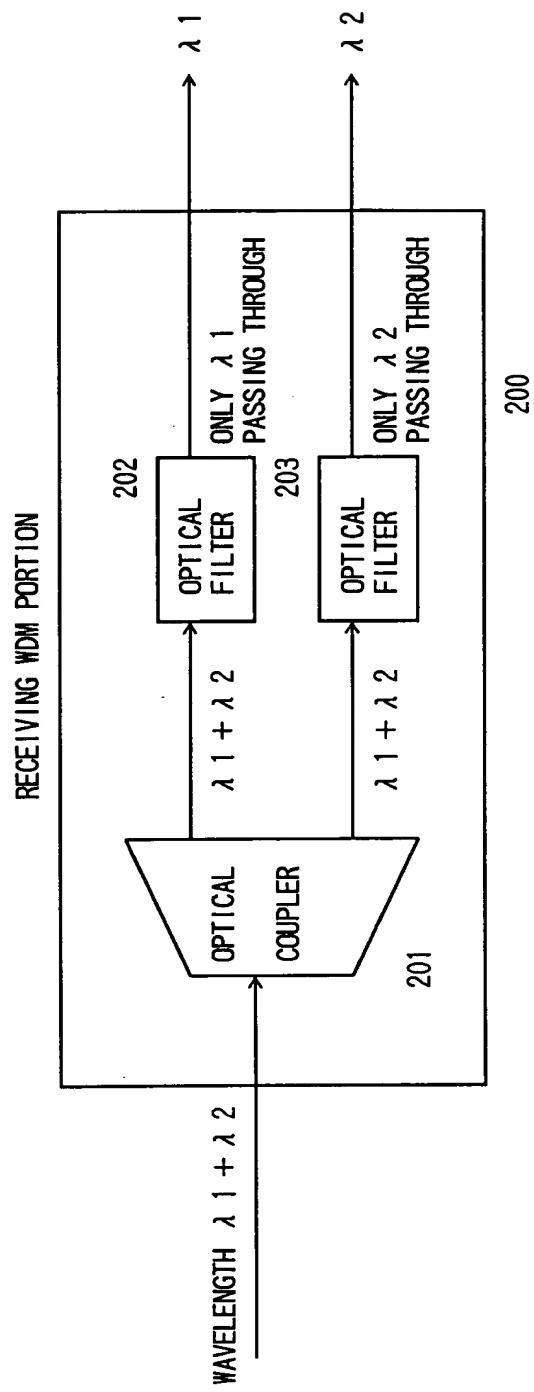


FIG. 6

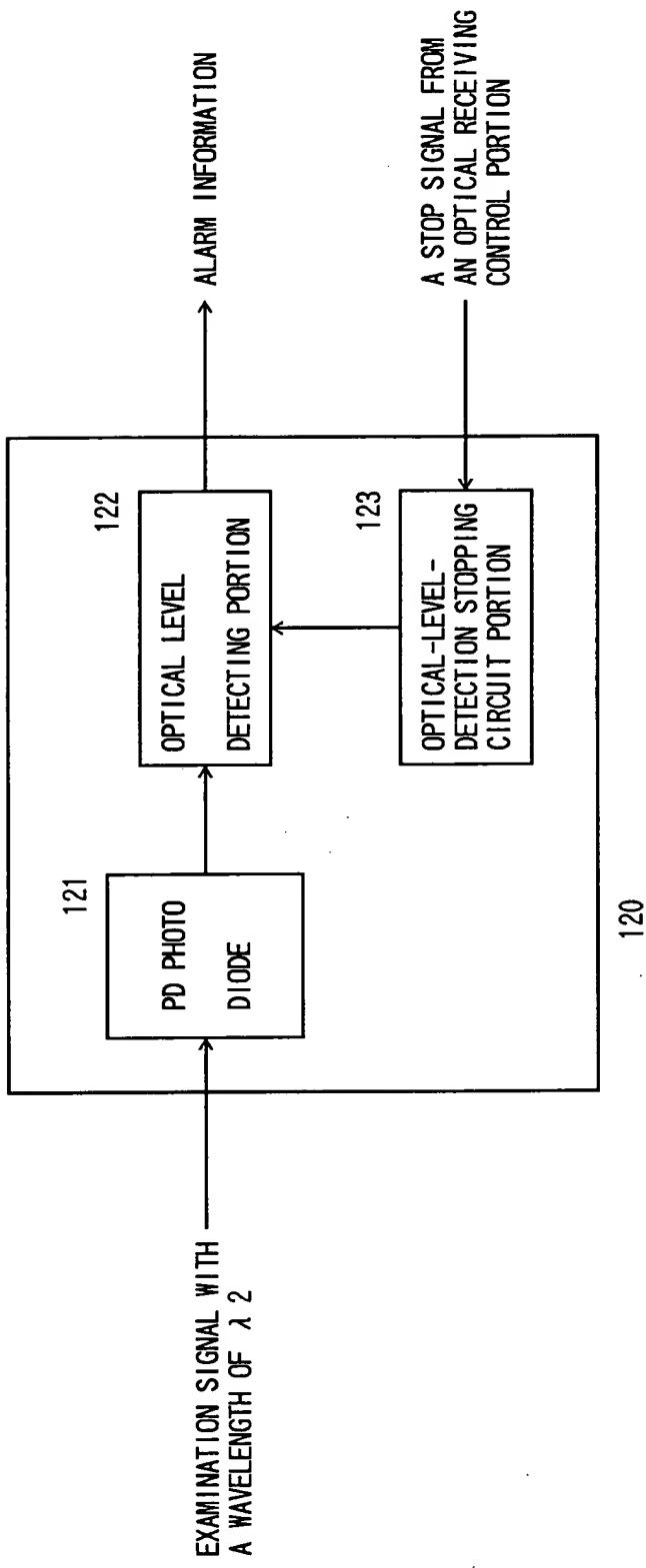
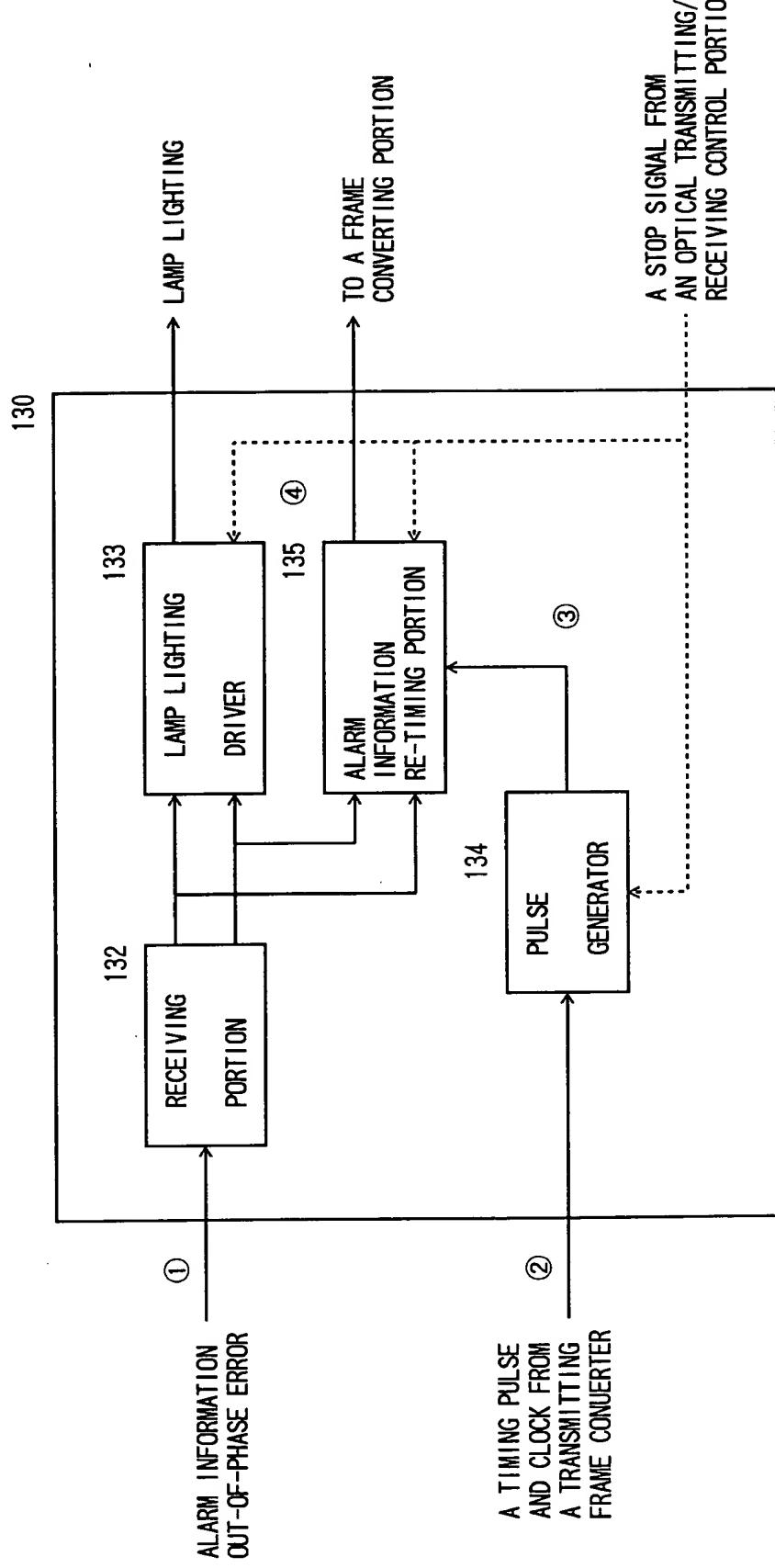
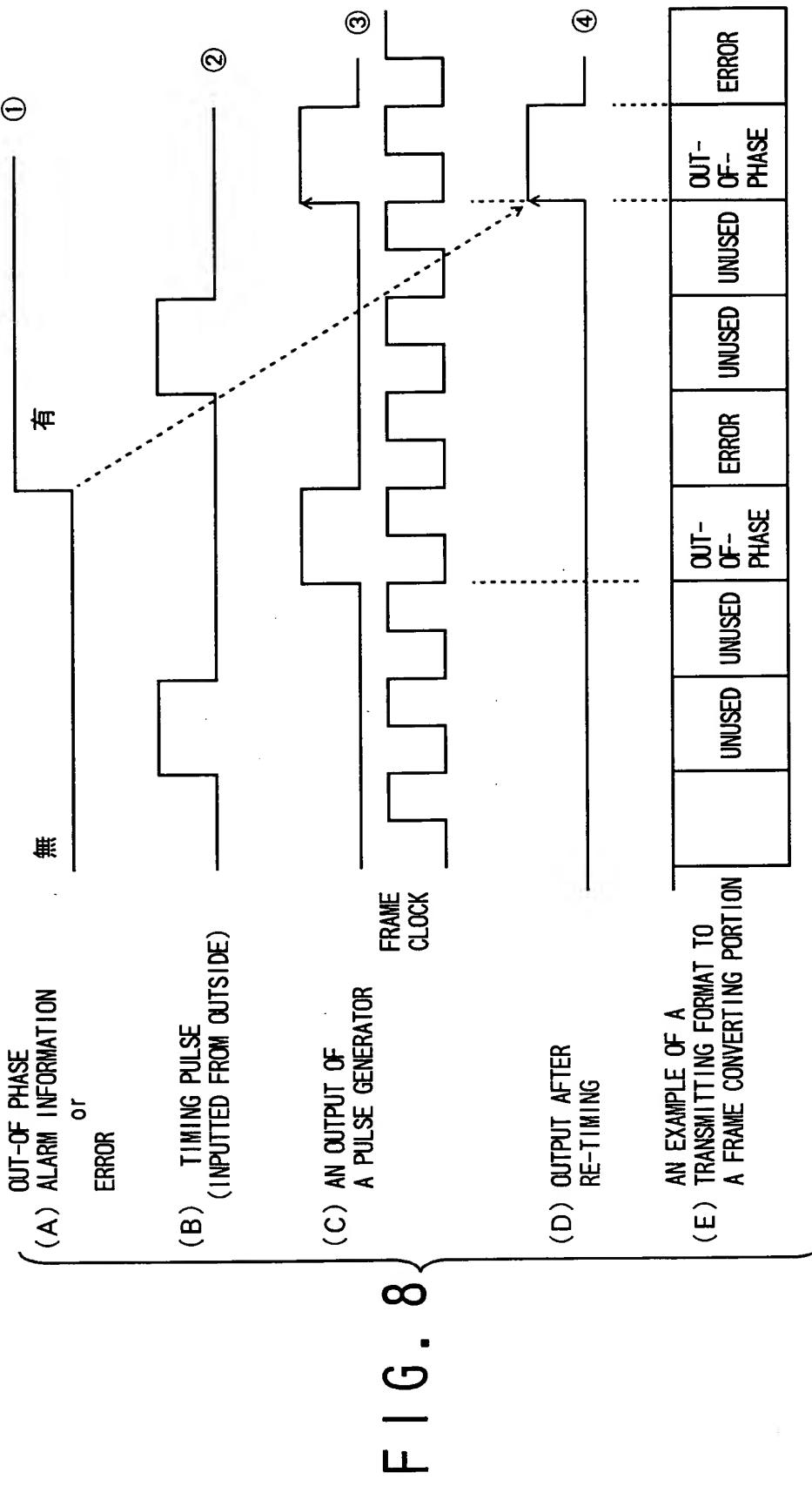


FIG. 7





※ ACCORDING TO OUTPUT TIMING OF THE PULSE GENERATOR,  
OUTPUTTING OUT-OF-PHASE ALARM INFORMATION TO THE FRAME CONVERTING PORTION

FIG. 9

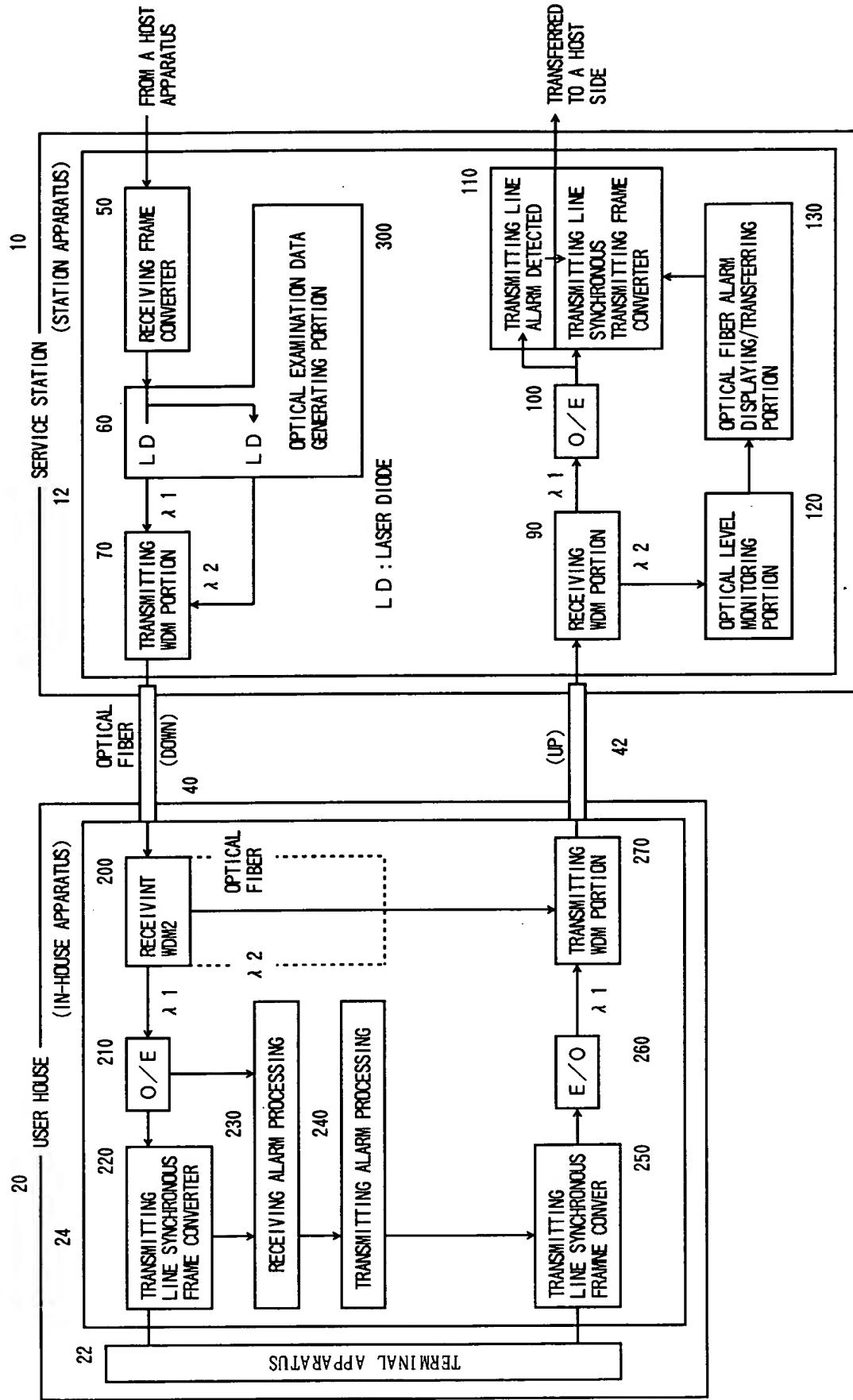
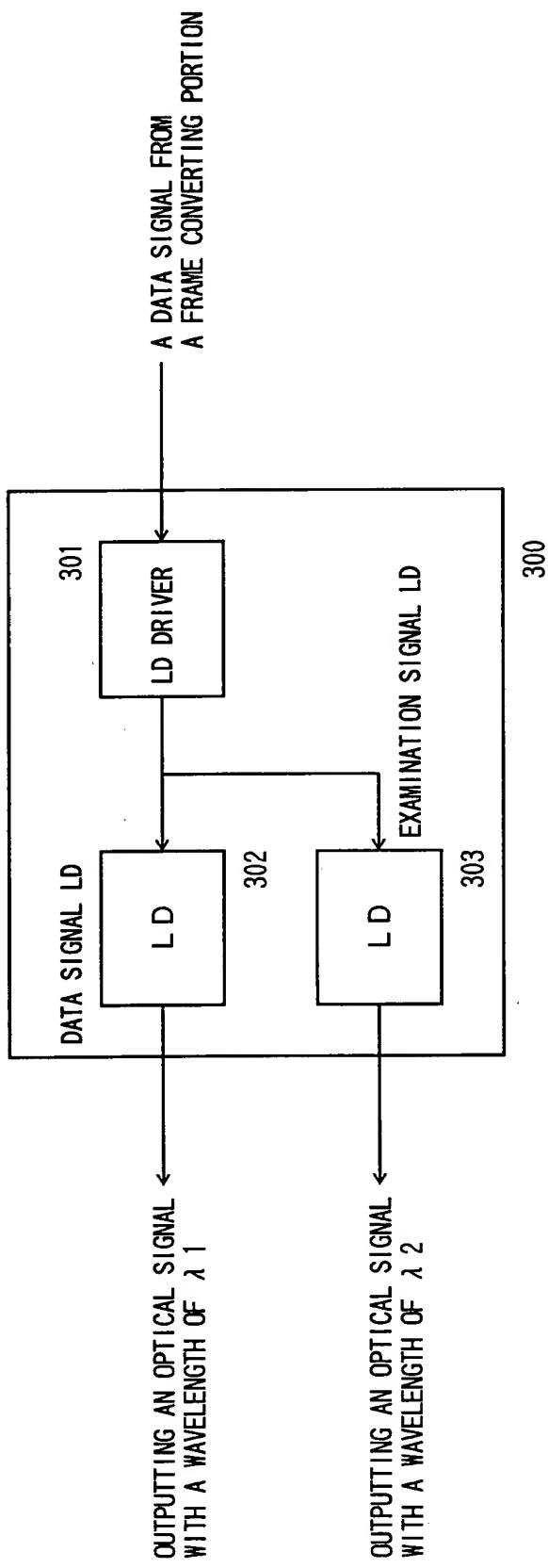


FIG. 10



**FIG. 11**

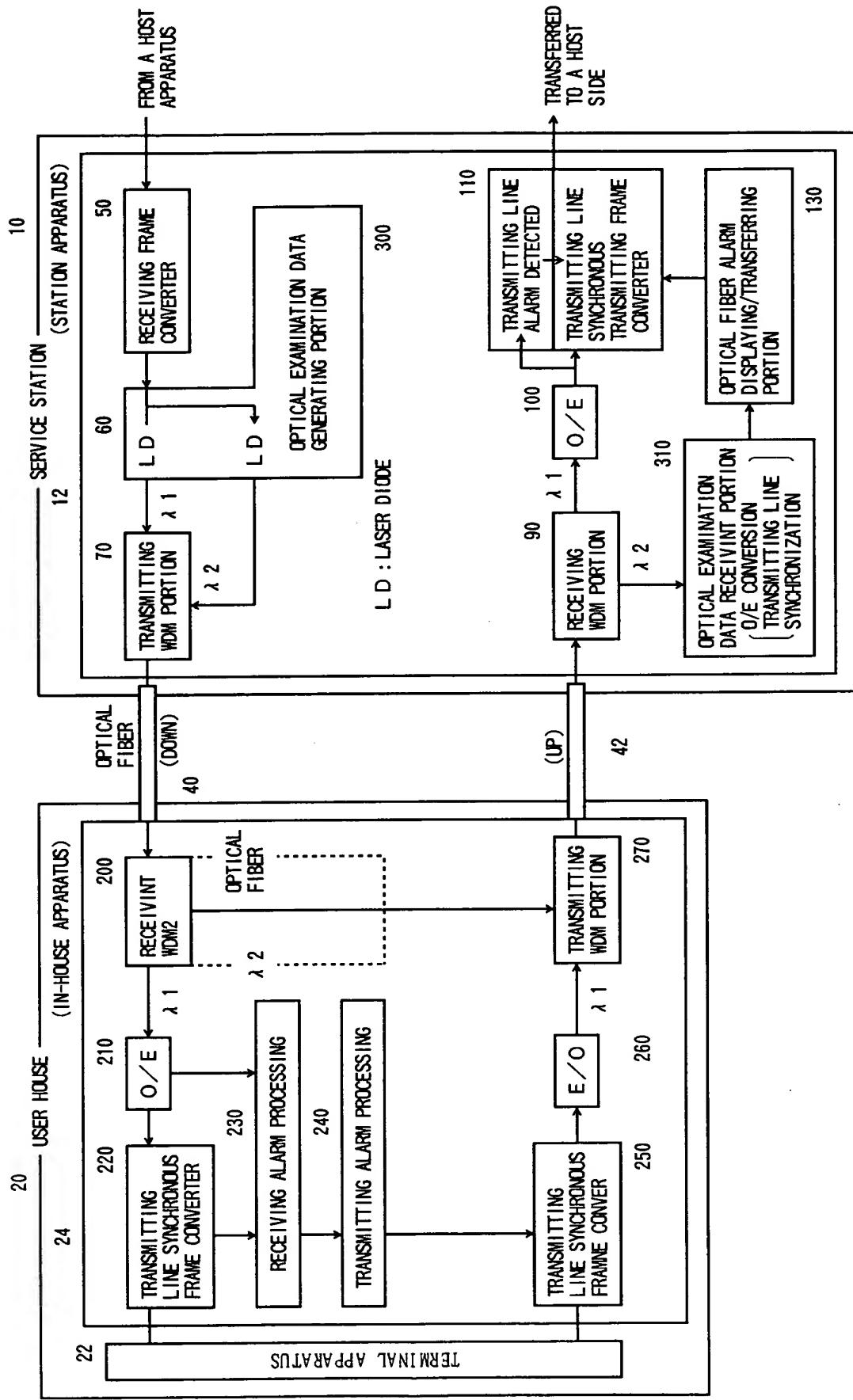
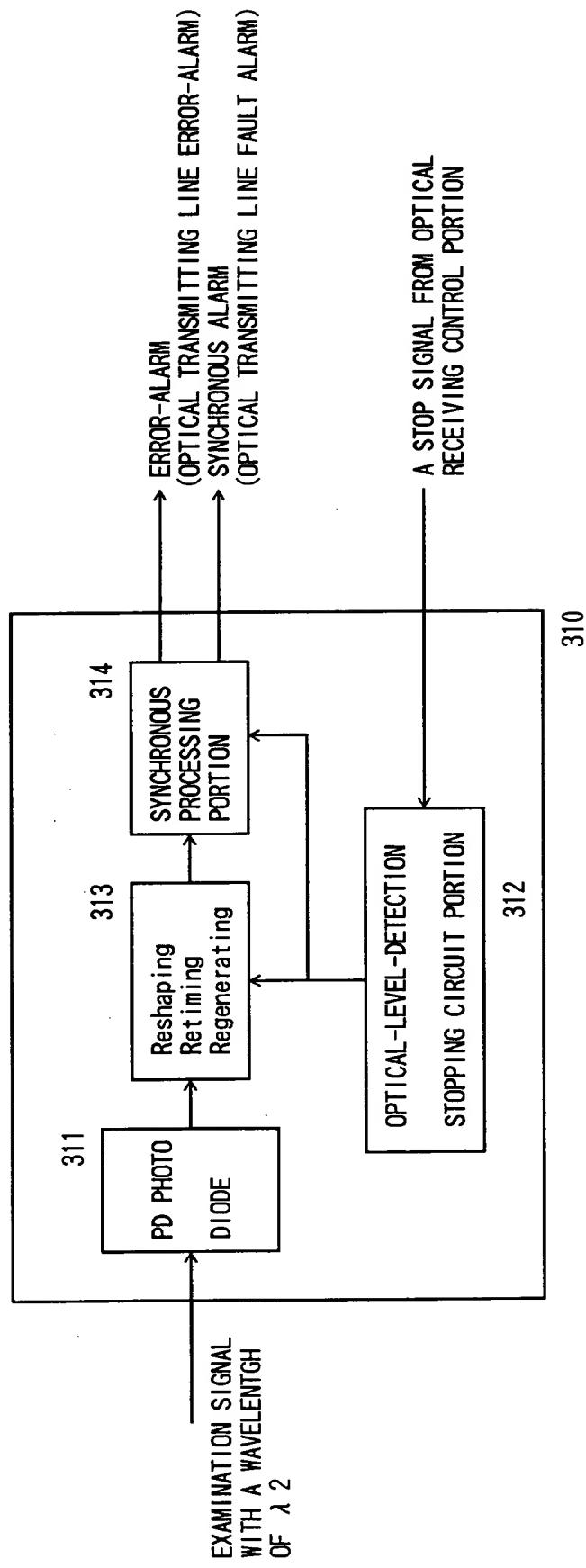
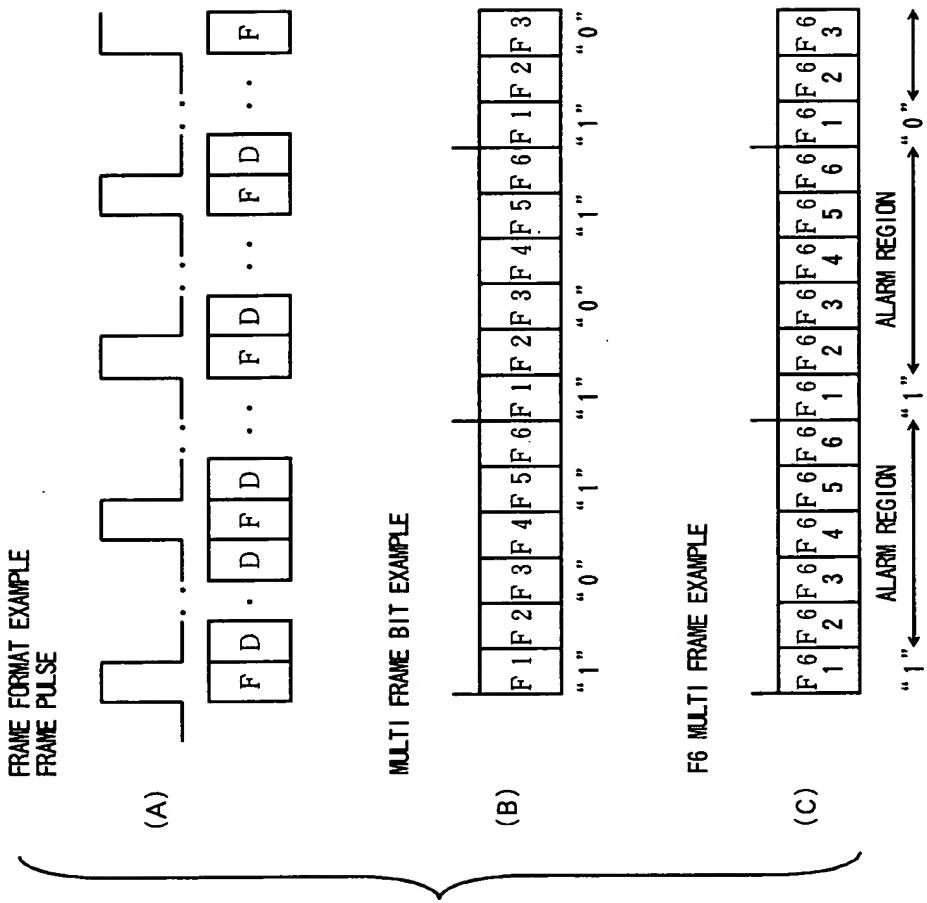


FIG. 12



**F I G. 13**



**F I G . 1 4**

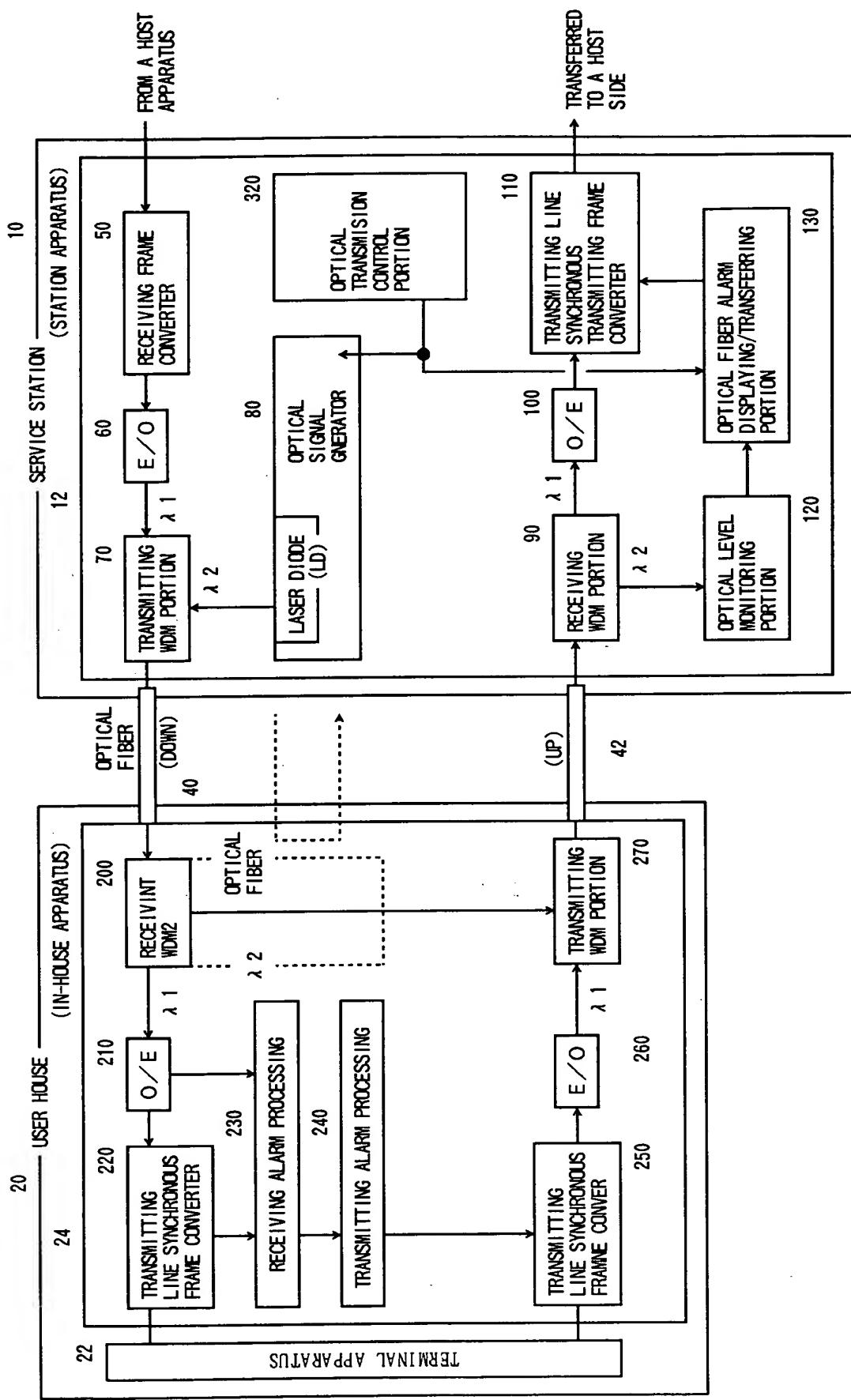
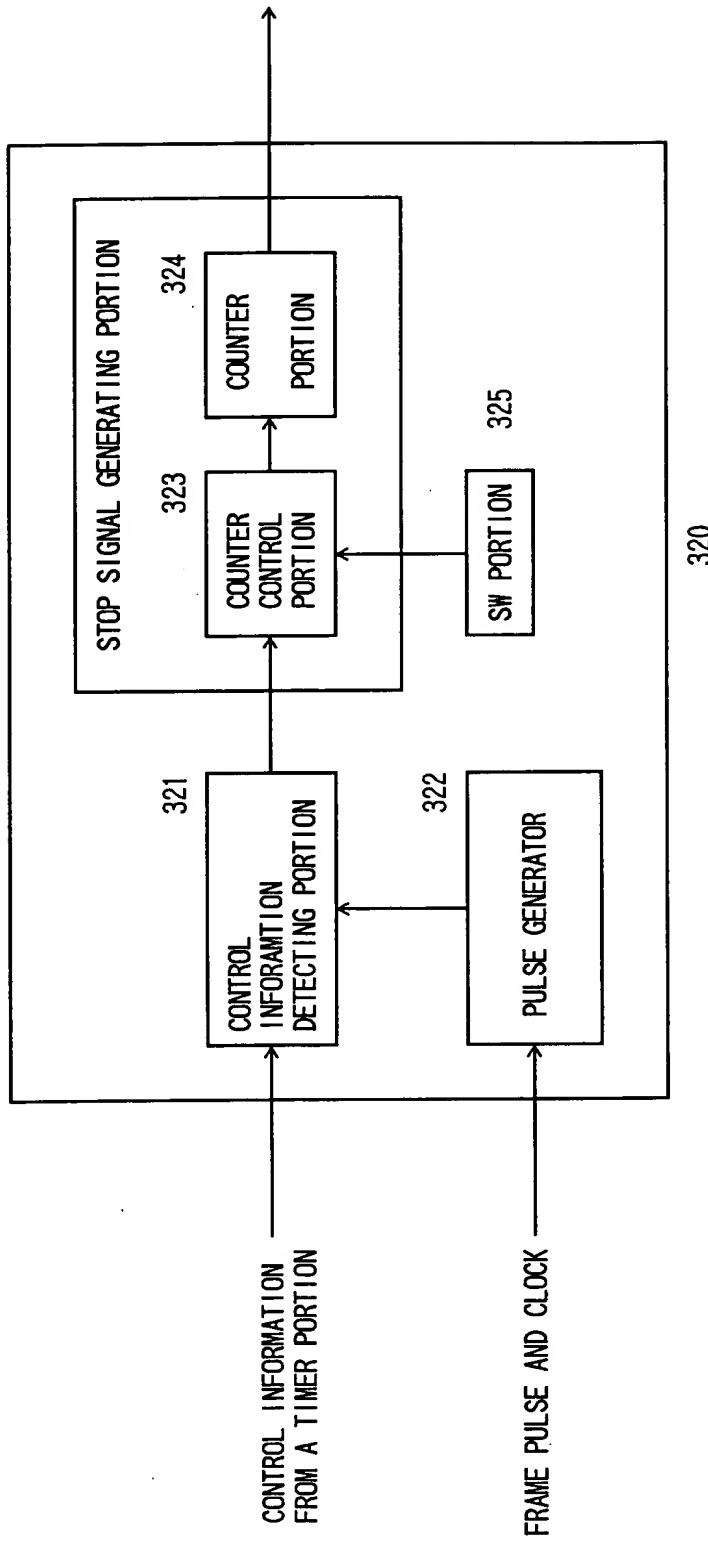


FIG. 15



**F I G. 1 6**

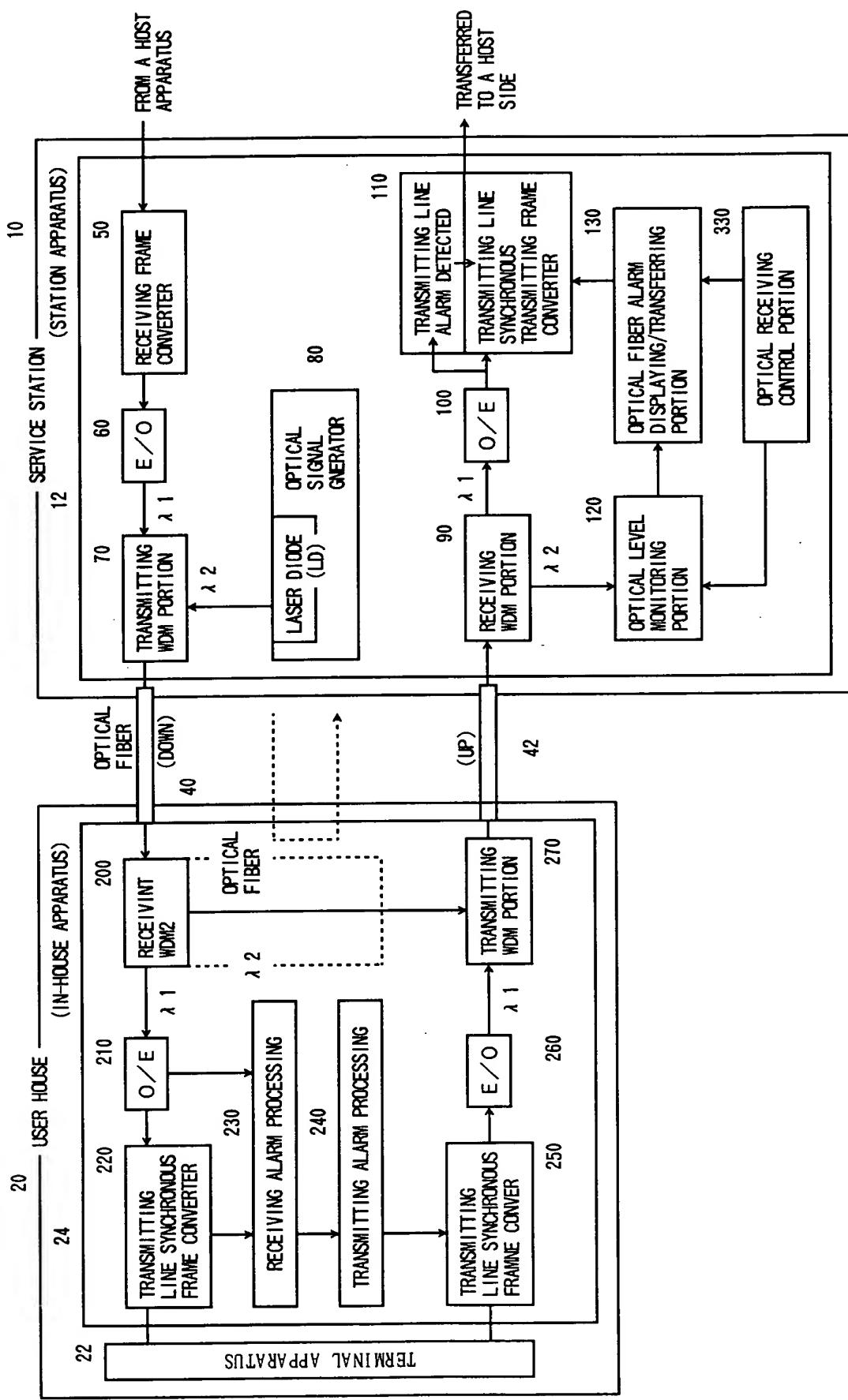


FIG. 17

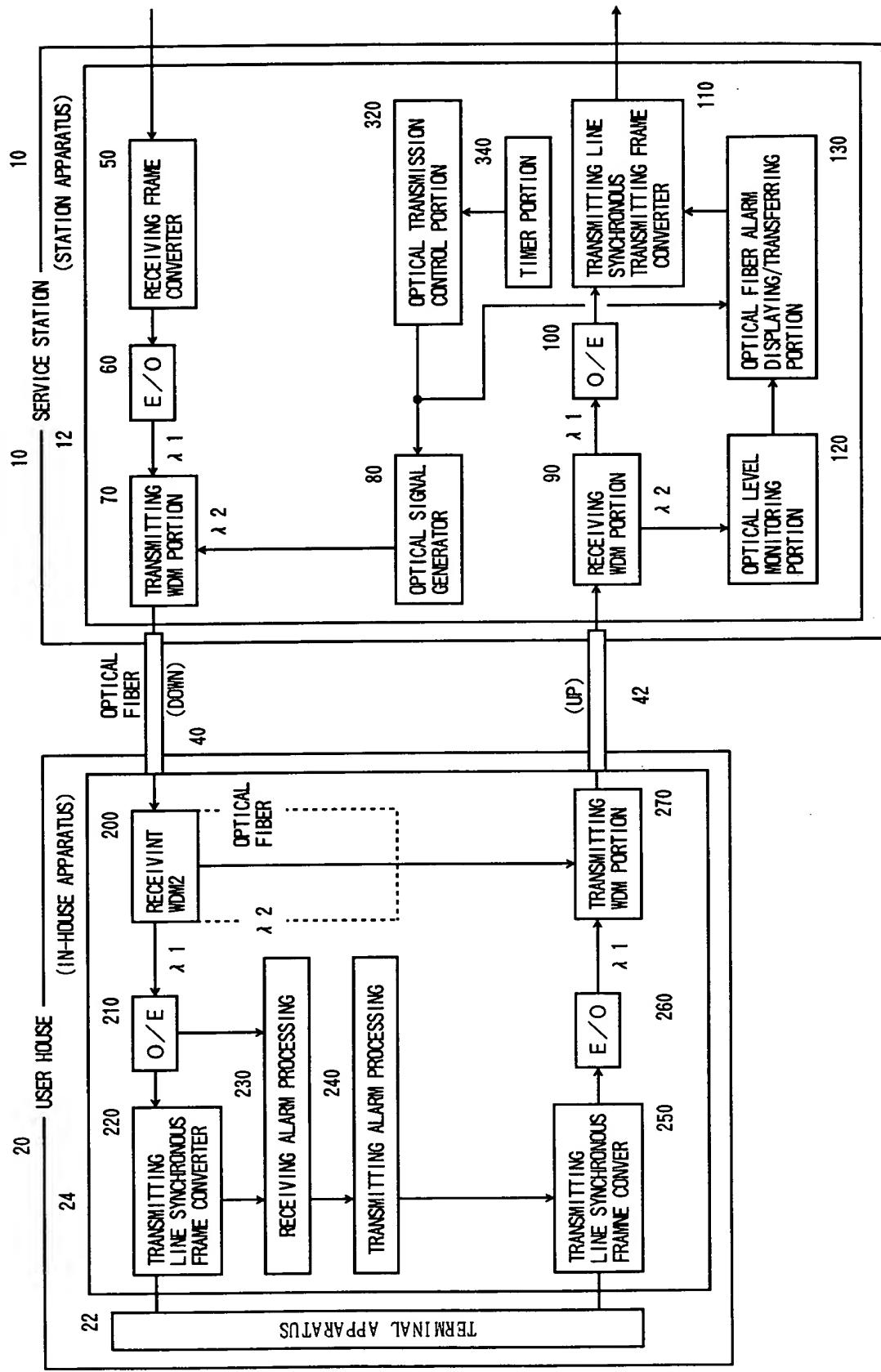
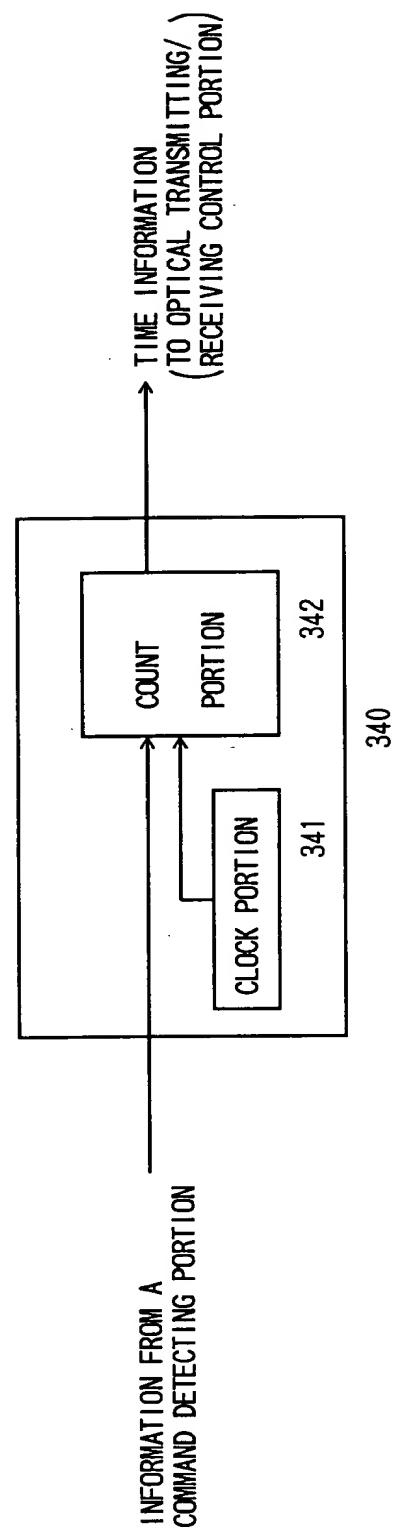
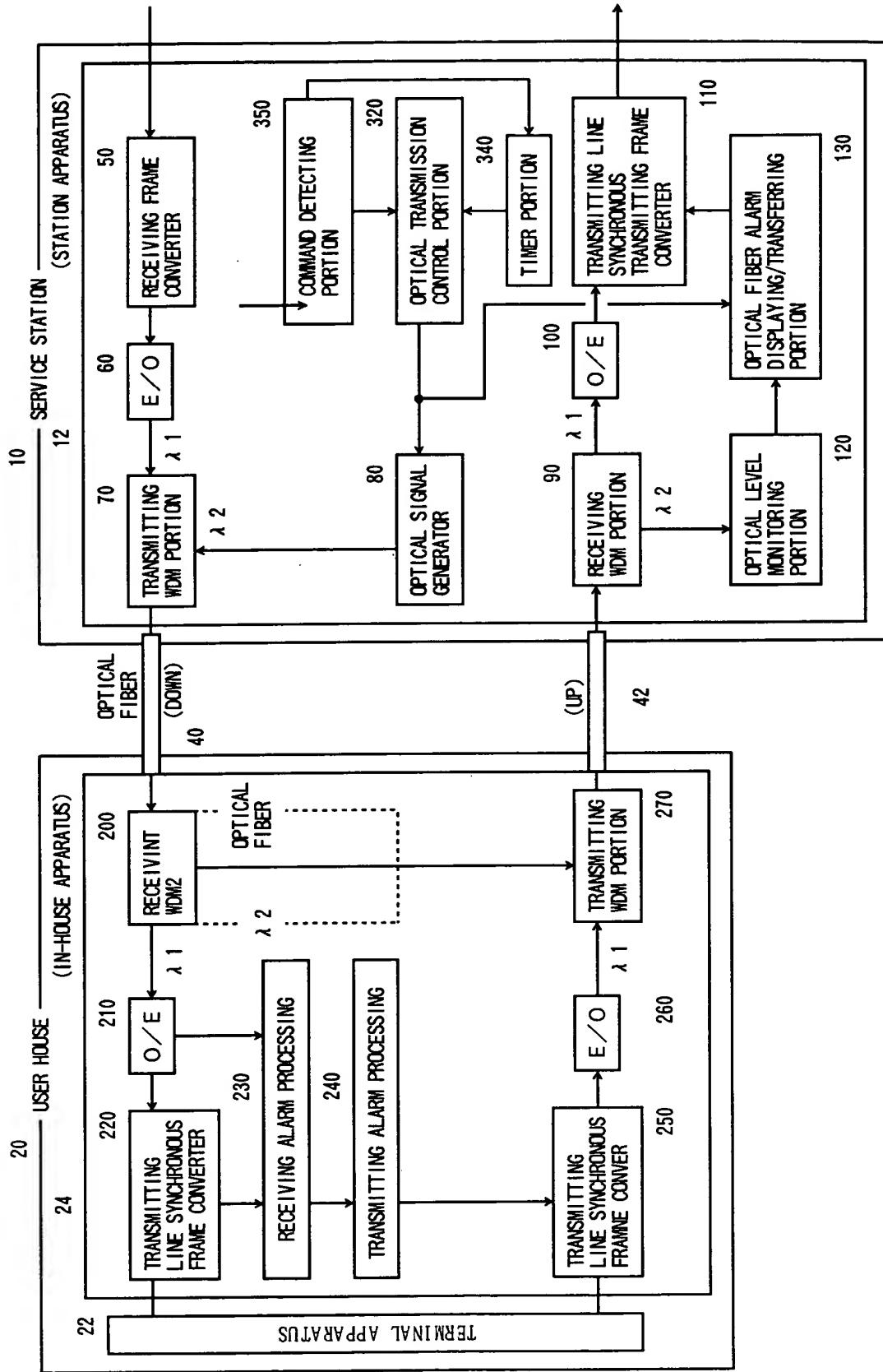


FIG. 18



**FIG. 19**



# FIG. 20

AN EXAMPLE OF A FORMATTED  
EXAMINATION CONTROL  
COMMAND SIGNAL

CO	CO	CO	CO	CO	CO	...
1	2	3	4	5	6	

- 例) CO 1     ...     OPTICAL TRANSMITTING LINE  
                 EXAMINATION INFORMATION  
              "0"    ⇒ STOP  
              "1"    ⇒ START
- 例) CO 2     ...     EXAMINATION INFORMATION  
                 AT GIVEN INTERVALS  
              "0"    ⇒ STOP  
              "1"    ⇒ START AT GIVEN INTERVALS

FIG. 21

